

Converting Colors

CIELCh(78, 63.131, 148.877)

Have a look what the booklet for
CIELCh(78, 63.131, 148.877)
contains.

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Color

CIELCh(78, 63.110, 148.915)

Conversions

Conversions Part 1

Format	Color
Hex	5AD982
RGB	90, 217, 130
RGB Percent	35%, 85%, 51%
CMY	0.6485, 0.1503, 0.4914
CMYK	0.59, 0.00, 0.40, 0.15
HSL	139°, 62%, 60%
HSV	139°, 59%, 85%
XYZ	32.9165, 53.2120, 29.5478
YIQ	169.1090, -47.7650, -53.9810

Conversions

Conversions Part 2

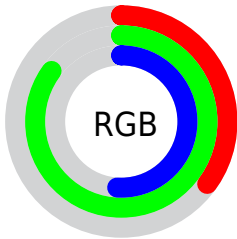
Format	Color
RYB	90, 187, 217
Decimal	5953922
CIELab	78.00, -54.05, 32.58
CIELCh	78, 63.110, 148.915
Yxy	53.2120, 0.2846, 0.4600
Android (android.graphics.Color)	4284144002 (0xFF5AD982)
YUV	169.1090, -19.2807, -69.3786
Hunter-Lab	72.9466, -47.1100, 27.0465

Details

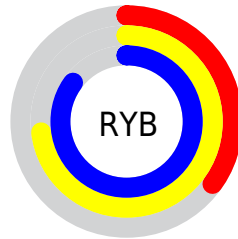
The CIELCh color **78, 63.110, 148.915** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **57, 63.257, 339.814**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 51.596, 151.524**, and **58, 63.241, 148.816** is the 20% darker color. If you saturate the color by 10%, you get **77, 72.095, 147.328**, and if you desaturate by 10%, it is **79, 53.281, 150.312**.

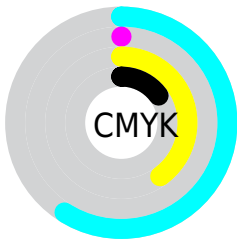
Distribution



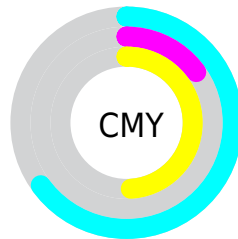
- Red (35%)
- Green (85%)
- Blue (51%)



- Red (35%)
- Yellow (73%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)





- Cyan (65%)
- Magenta (15%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 63.110, 148.915 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 78, 63.110, 148.915 by changing the saturation by 10% instead.


 78, 63.110,
148.915


 78, 63.110,
148.915


 100, 63.110,
148.915


 68, 63.110,
148.915


 98, 63.110,
148.915

 58, 63.110,
148.915

 48, 63.110,
148.915

 38, 63.110,
148.915

 28, 63.110,
148.915

 18, 63.110,
148.915

 8, 63.110, 148.915

0, 63.110, 148.915

78, 63.110,
148.915

78, 63.110,
148.915

77, 72.095,
147.328

79, 53.281,
150.312

77, 80.057,
145.555

80, 42.812,
151.531

76, 86.872,
143.630

82, 31.916,
152.592

76, 92.525,
141.649

83, 20.788,
153.517

76, 93.236,
141.397

85, 9.597, 154.339

87, 1.525, 334.765

89, 12.474,

335.596

91, 21.311,
330.515

91, 24.008,
325.260

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 63.110, 148.915



57, 63.257, 339.814

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 63.110, 148.915



78, 63.110, 198.915



78, 63.110, 328.915



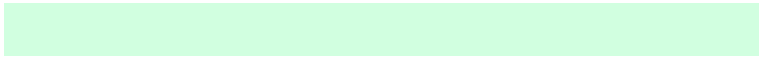
78, 63.110, 18.915

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 63.111, 148.915



96, 22.923, 153.557



82, 65.134, 118.645



51, 15.933, 153.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 63.111, 148.915



89, 83.443, 146.984



79, 41.217, 177.198



44, 6.256, 154.276



61, 77.474, 141.748



14, 27.129, 147.212

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57, 63.257, 339.814



62, 81.843, 341.241



55, 53.241, 12.370



42, 6.291, 335.531



38, 67.800, 345.896



6, 26.186, 341.984

Previews

White Background



This preview shows how the CIE LCh color 78, 63.110, 148.915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 63.110, 148.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 63.110, 148.915

Background



This preview shows how black text looks on a background with the CIELCh color 78, 63.110, 148.915.



This preview shows how white text looks on a background with the CIELCh color 78, 63.110, 148.915.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
78, 63.110, 148.915

Protanopia
77, 38.220, 95.217

Deuteranopia
77, 30.984, 71.580



Tritanopia
78, 27.980, 215.623

Trichromacy



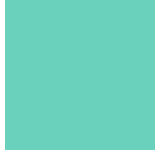
Original Color
78, 63.110, 148.915



Protanomaly
77, 42.128, 125.376



Deuteranomaly
76, 33.053, 119.797



Tritanomaly
78, 35.571, 177.379

Monochromacy



Original Color
78, 63.110, 148.915



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 24.178, 153.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 63.110, 148.915 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(90, 217, 130)` looks like.

```
.text, #text, p{  
    color:rgb(90, 217, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(90, 217, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 217, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 63.110, 148.915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 217, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(90, 217, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(90, 217, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 217, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 217, 130);  
box-shadow:4px 4px 4px 4px rgb(90, 217,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 63.110, 148.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 217, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(90, 217,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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